

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023554.D
 Acq On : 04 Aug 2021 20:44
 Operator : JC/MD
 Sample : M3278-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Aug 05 06:10:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

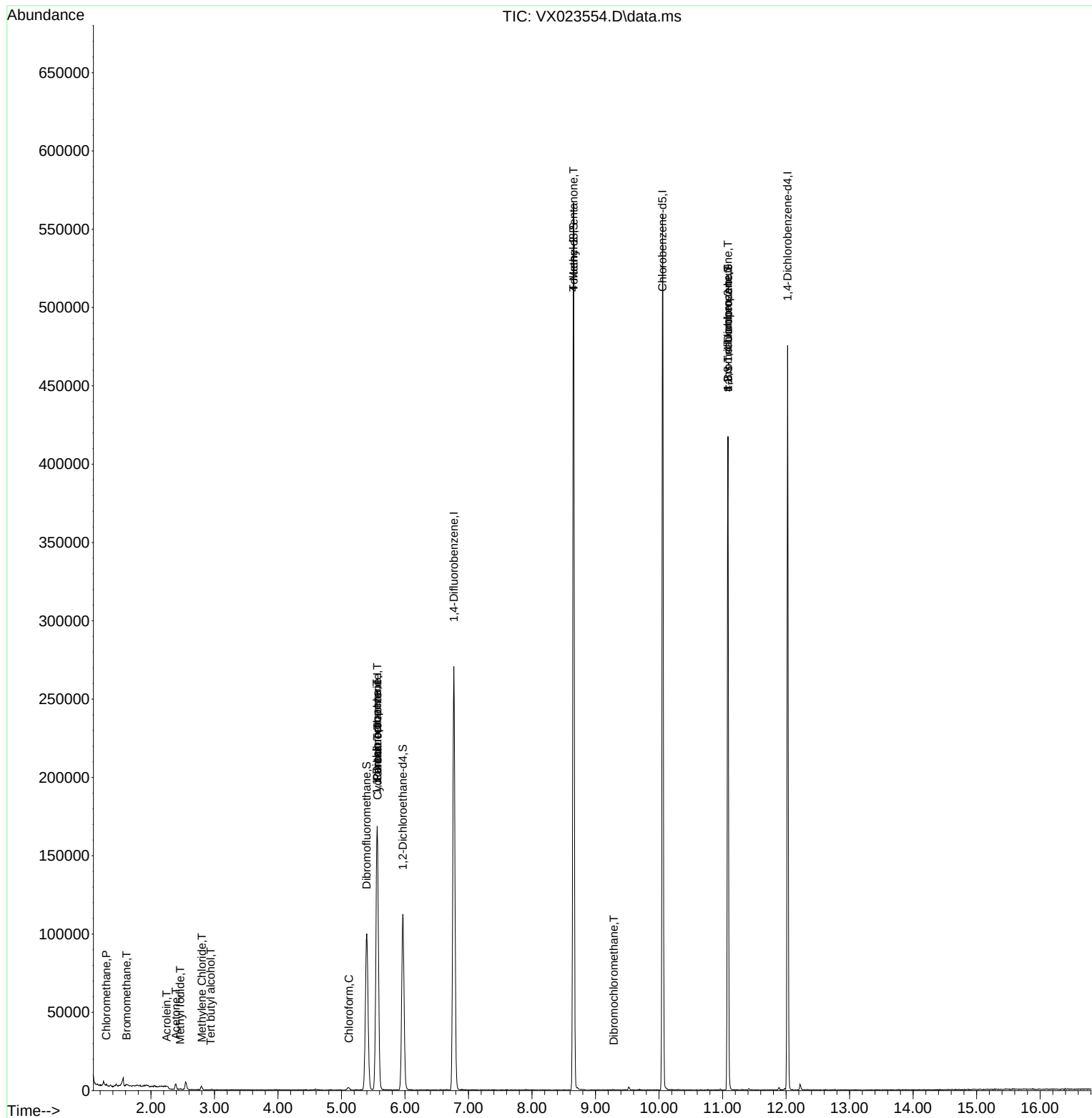
Internal Standards						
1) Pentafluorobenzene	5.562	168	159896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	273854	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107036	53.664	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.320%	
35) Dibromofluoromethane	5.397	113	86333	50.421	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.840%	
50) Toluene-d8	8.653	98	326212	51.855	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.700%	
62) 4-Bromofluorobenzene	11.085	95	105693	49.409	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.820%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	575	0.336	ug/l #	87
5) Bromomethane	1.618	94	642	0.623	ug/l #	78
10) Methyl Iodide	2.459	142	611	0.308	ug/l #	72
11) Tert butyl alcohol	2.941	59	92	0.202	ug/l #	73
13) Acrolein	2.246	56	48	1.570	ug/l #	14
16) Acetone	2.392	43	3826	3.910	ug/l	89
20) Methylene Chloride	2.800	84	986	0.518	ug/l #	90
30) Chloroform	5.117	83	1892	0.596	ug/l #	83
31) Cyclohexane	5.568	56	3657	1.238	ug/l #	33
36) 1,1-Dichloropropene	5.556	75	12107	4.887	ug/l #	44
38) Carbon Tetrachloride	5.562	117	16014	6.356	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1565	0.529	ug/l #	1
60) Dibromochloromethane	9.287	129	19	1.992	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	53556	25.909	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	53556	69.665	ug/l #	12

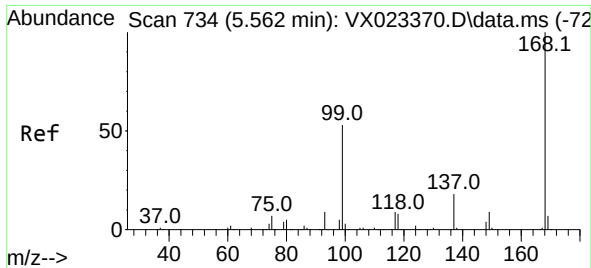
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
Data File : VX023554.D
Acq On : 04 Aug 2021 20:44
Operator : JC/MD
Sample : M3278-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Quant Time: Aug 05 06:10:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

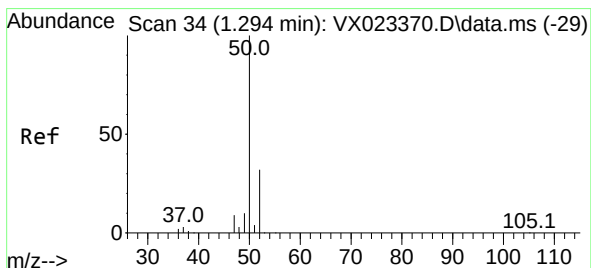
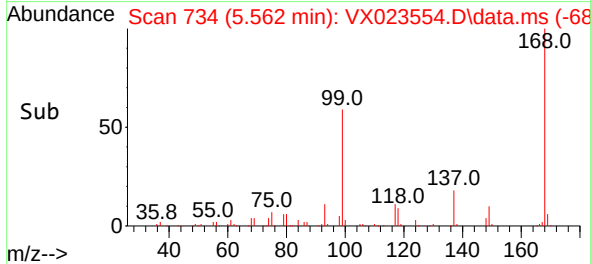
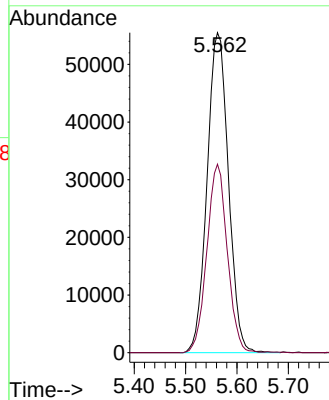
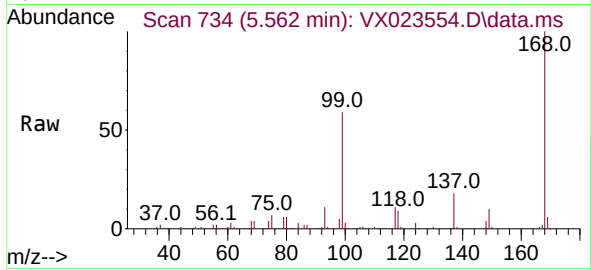




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023554.D
Acq: 04 Aug 2021 20:44

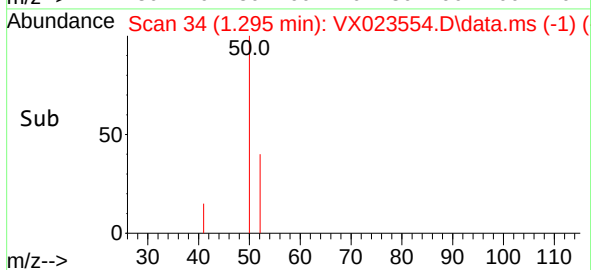
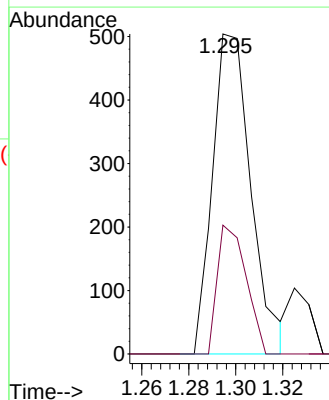
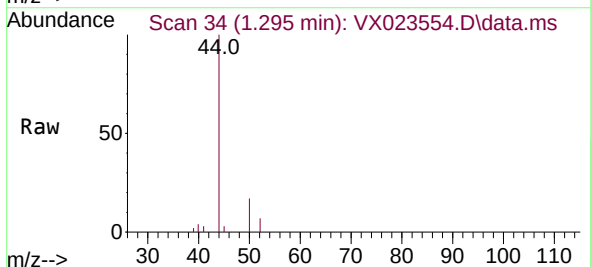
Instrument :
MSVOA_X
ClientSampleId :
MW-3

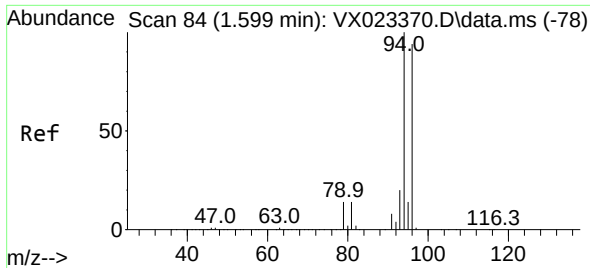
Tgt Ion:168 Resp: 159896
Ion Ratio Lower Upper
168 100
99 58.9 45.8 68.6



#3
Chloromethane
Concen: 0.336 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023554.D
Acq: 04 Aug 2021 20:44

Tgt Ion: 50 Resp: 575
Ion Ratio Lower Upper
50 100
52 40.3 26.4 39.6#

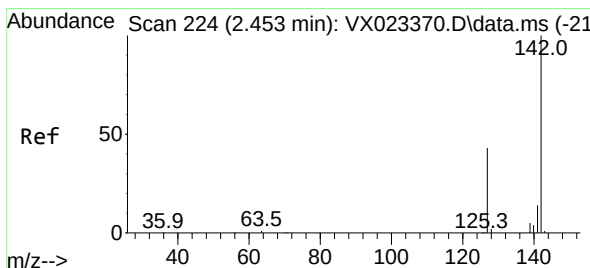
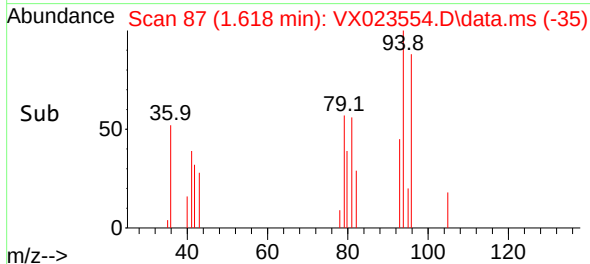
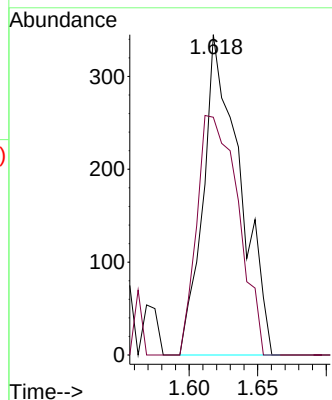
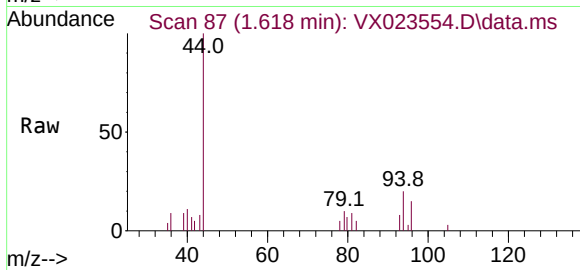




#5
Bromomethane
Concen: 0.623 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023554.D
Acq: 04 Aug 2021 20:44

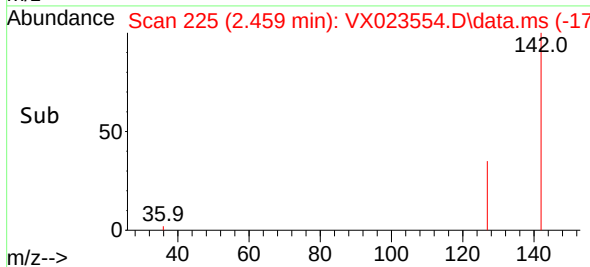
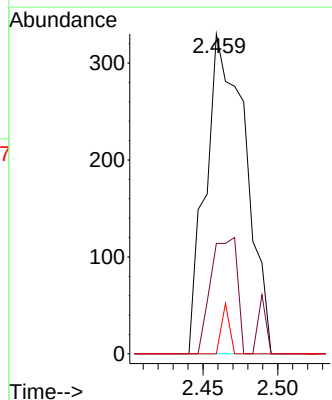
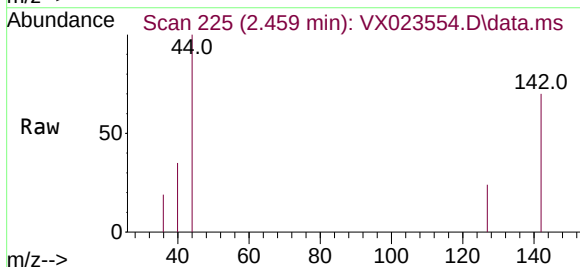
Instrument :
MSVOA_X
ClientSampled :
MW-3

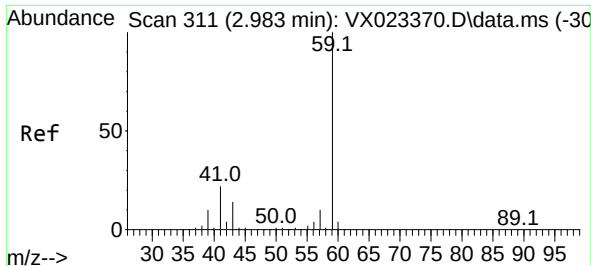
Tgt Ion: 94 Resp: 642
Ion Ratio Lower Upper
94 100
96 74.2 76.4 114.6#



#10
Methyl Iodide
Concen: 0.308 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023554.D
Acq: 04 Aug 2021 20:44

Tgt Ion: 142 Resp: 611
Ion Ratio Lower Upper
142 100
127 24.1 33.3 49.9#
141 3.1 11.4 17.0#

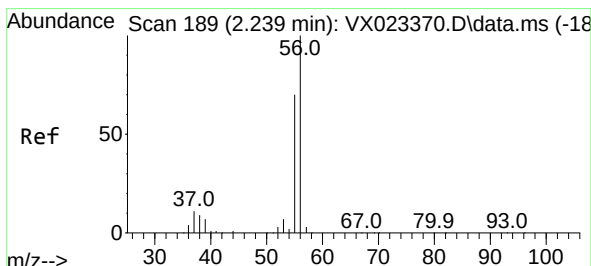
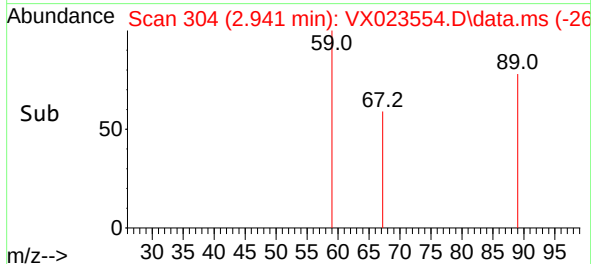
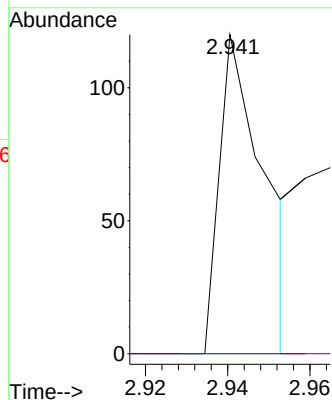
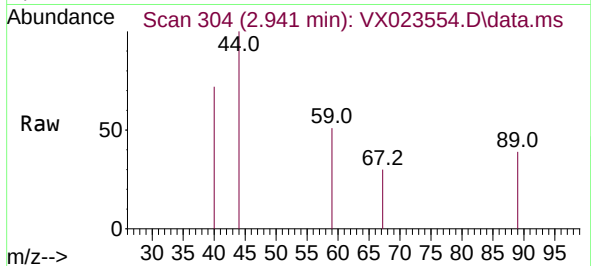




#11
Tert butyl alcohol
Concen: 0.202 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.042 min
Lab File: VX023554.D
Acq: 04 Aug 2021 20:44

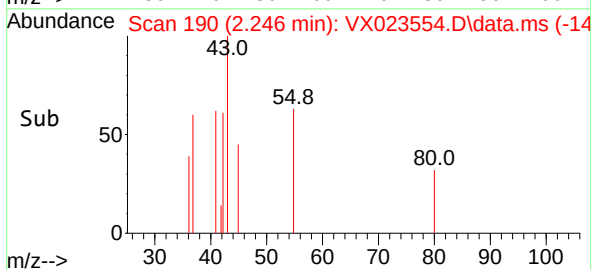
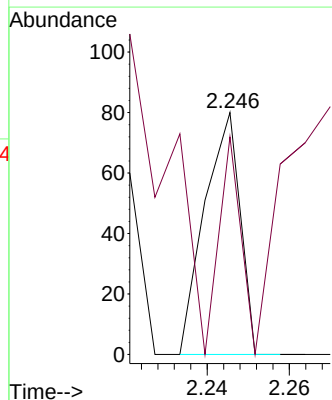
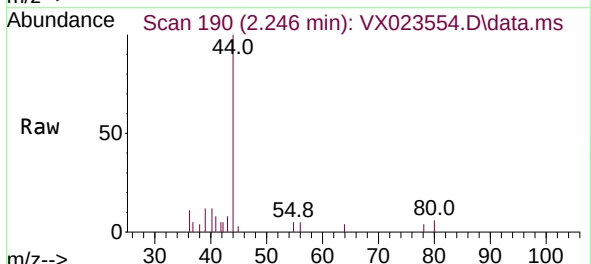
Instrument :
MSVOA_X
ClientSampled :
MW-3

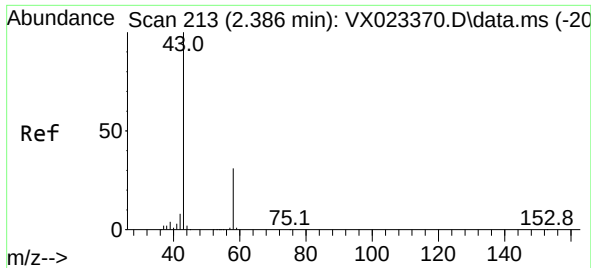
Tgt Ion: 59 Resp: 92
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 1.570 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.007 min
Lab File: VX023554.D
Acq: 04 Aug 2021 20:44

Tgt Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

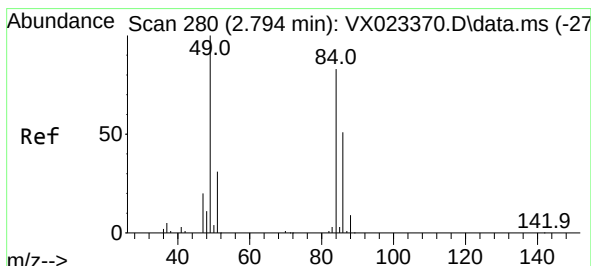
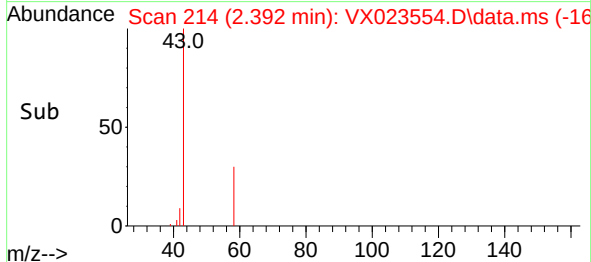
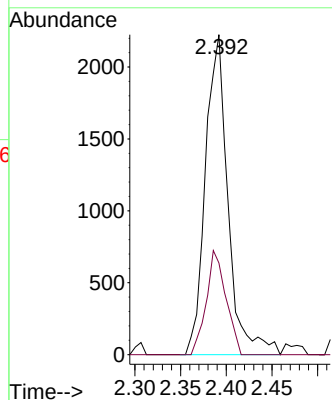
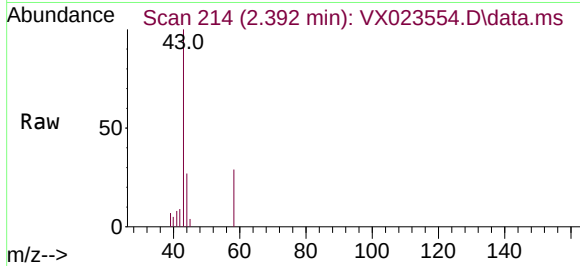




#16
Acetone
Concen: 3.910 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023554.D
Acq: 04 Aug 2021 20:44

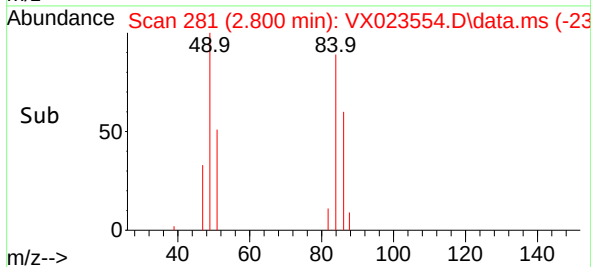
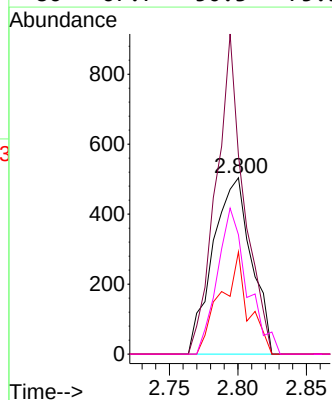
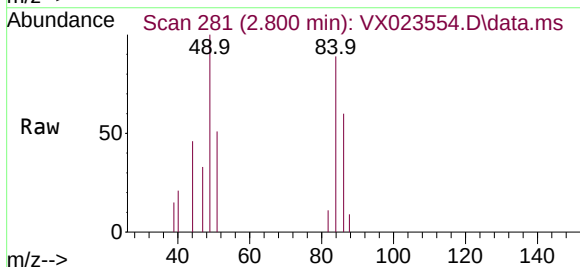
Instrument :
MSVOA_X
ClientSampled :
MW-3

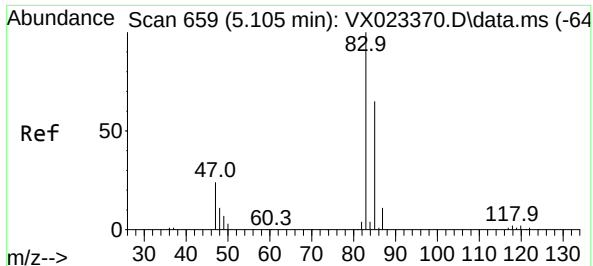
Tgt Ion: 43 Resp: 3826
Ion Ratio Lower Upper
43 100
58 28.6 27.8 41.8



#20
Methylene Chloride
Concen: 0.518 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023554.D
Acq: 04 Aug 2021 20:44

Tgt Ion: 84 Resp: 986
Ion Ratio Lower Upper
84 100
49 112.9 88.6 132.8
51 57.9 27.0 40.6#
86 67.7 50.3 75.5





#30

Chloroform

Concen: 0.596 ug/l

RT: 5.117 min Scan# 661

Delta R.T. 0.012 min

Lab File: VX023554.D

Acq: 04 Aug 2021 20:44

Tgt Ion: 83 Resp: 1892

Ion Ratio Lower Upper

83 100

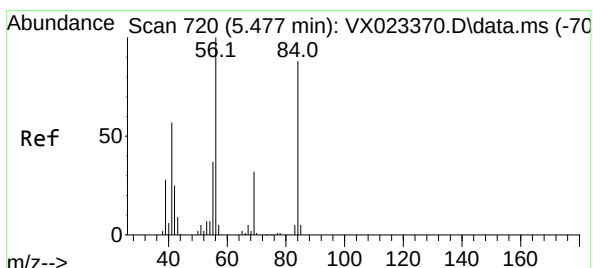
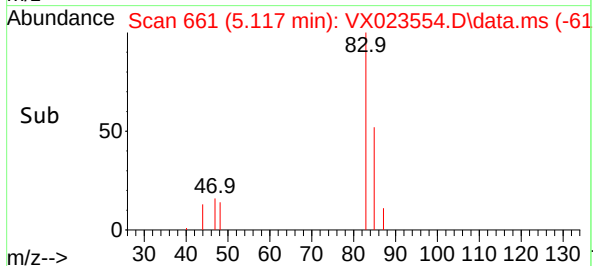
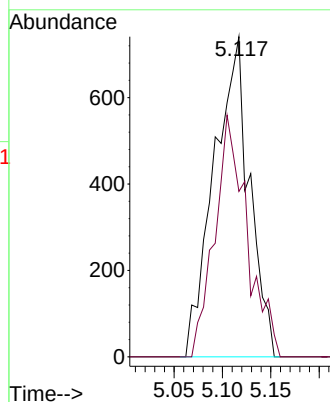
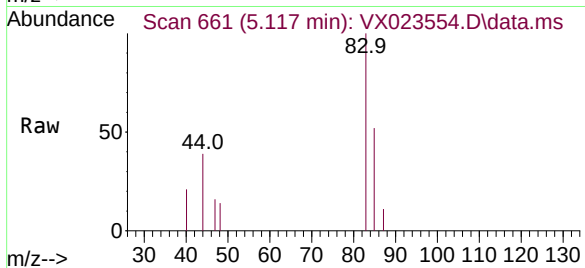
85 51.7 52.0 78.0#

Instrument :

MSVOA_X

ClientSampled :

MW-3



#31

Cyclohexane

Concen: 1.238 ug/l

RT: 5.568 min Scan# 735

Delta R.T. 0.091 min

Lab File: VX023554.D

Acq: 04 Aug 2021 20:44

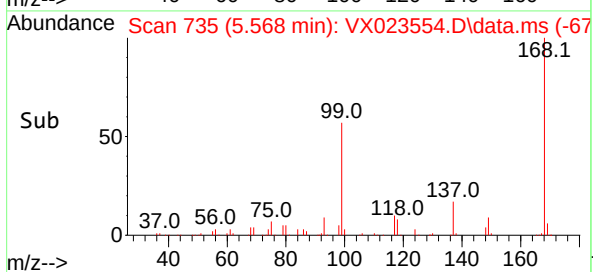
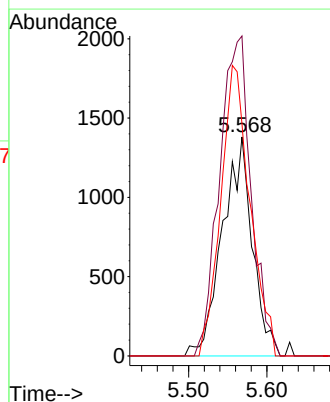
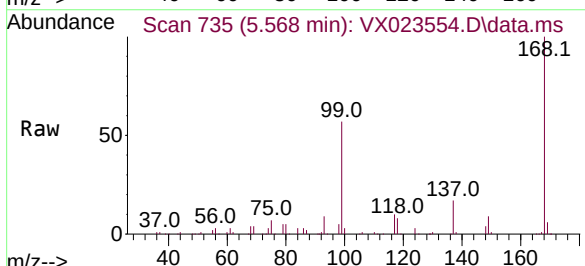
Tgt Ion: 56 Resp: 3657

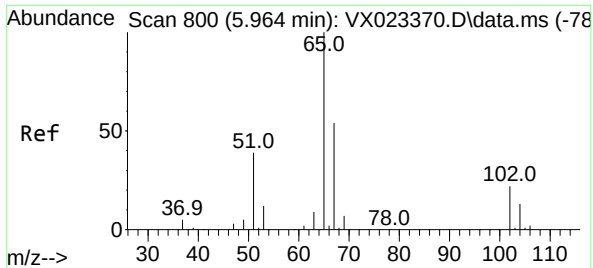
Ion Ratio Lower Upper

56 100

69 146.1 25.3 37.9#

84 106.1 71.4 107.0

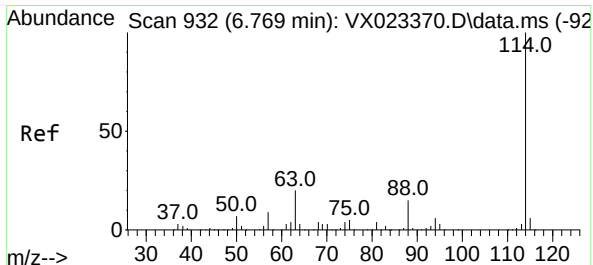
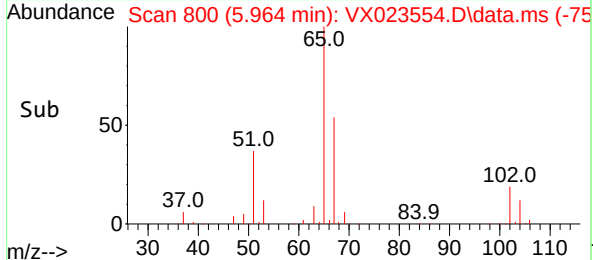
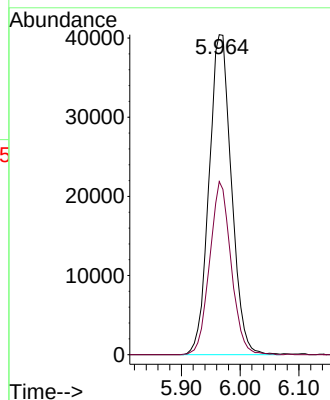
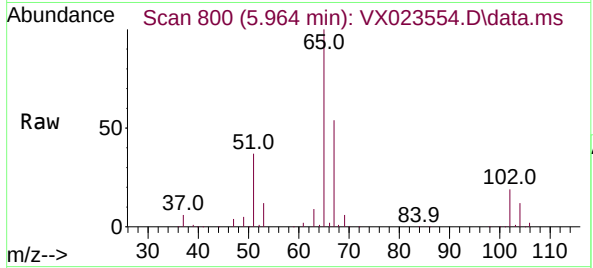




#33
 1,2-Dichloroethane-d4
 Concen: 53.664 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX023554.D
 Acq: 04 Aug 2021 20:44

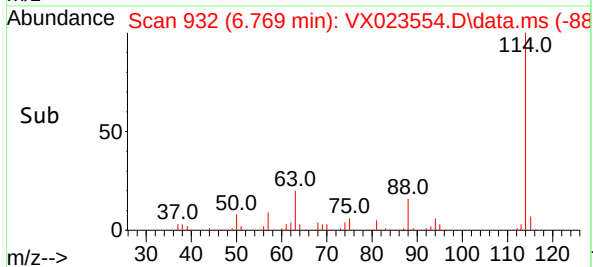
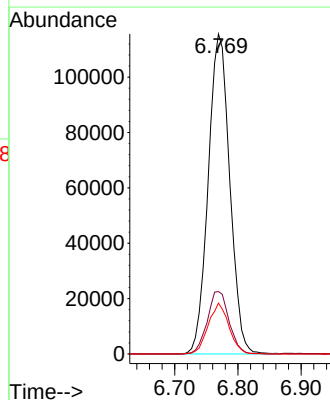
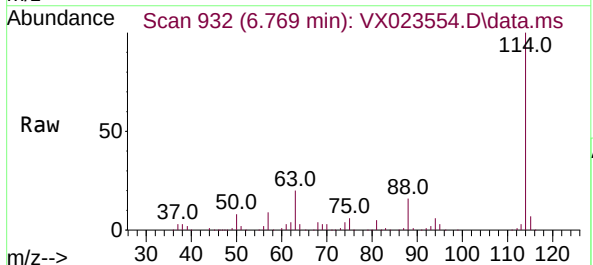
Instrument :
 MSVOA_X
 ClientSampled :
 MW-3

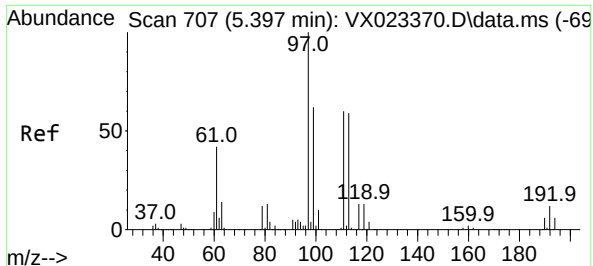
Tgt Ion: 65 Resp: 107036
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX023554.D
 Acq: 04 Aug 2021 20:44

Tgt Ion: 114 Resp: 273854
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.8
 88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.421 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023554.D

Acq: 04 Aug 2021 20:44

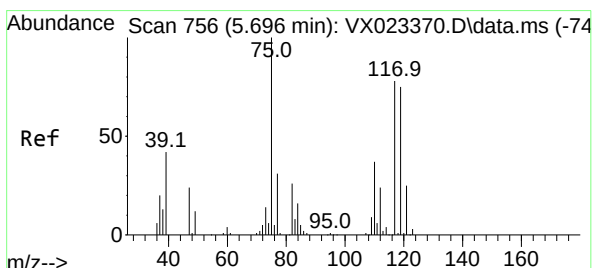
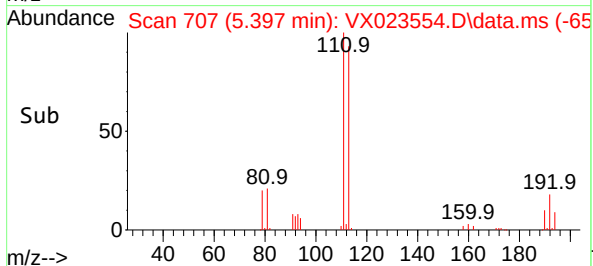
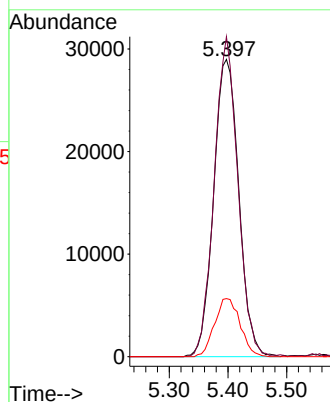
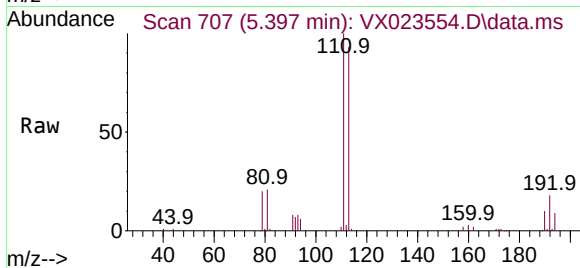
Tgt Ion:113 Resp: 86333

Ion Ratio Lower Upper

113 100

111 101.0 81.9 122.9

192 19.8 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.887 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX023554.D

Acq: 04 Aug 2021 20:44

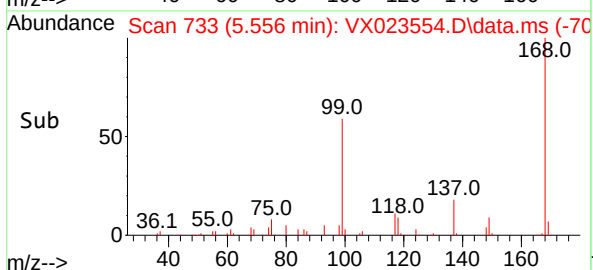
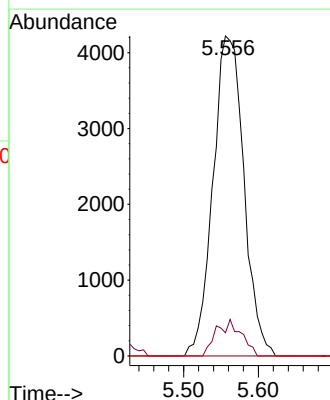
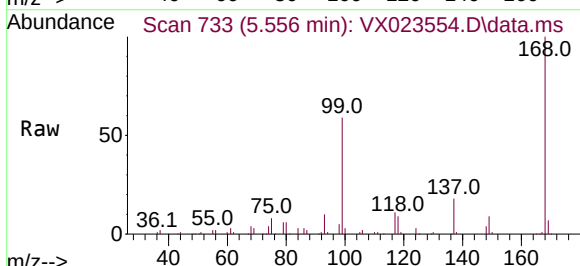
Tgt Ion: 75 Resp: 12107

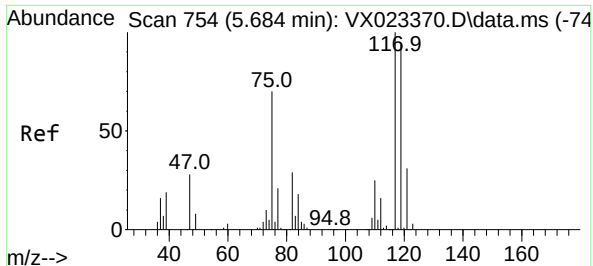
Ion Ratio Lower Upper

75 100

110 4.1 18.1 54.4#

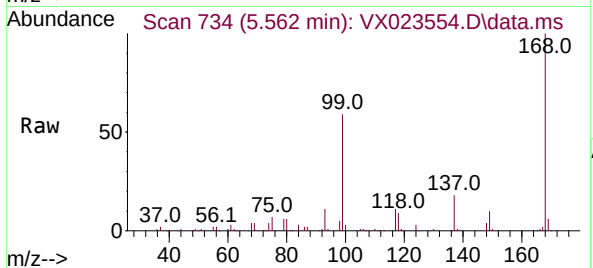
77 0.0 25.3 37.9#



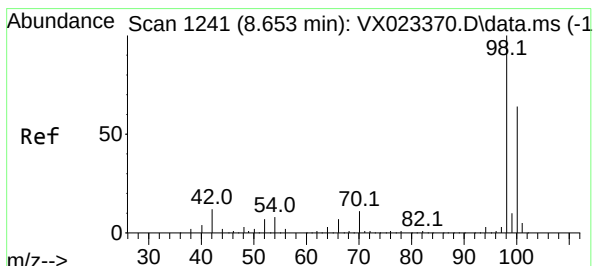
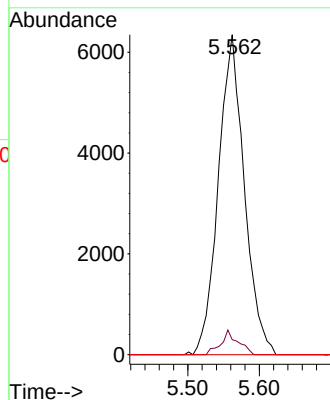
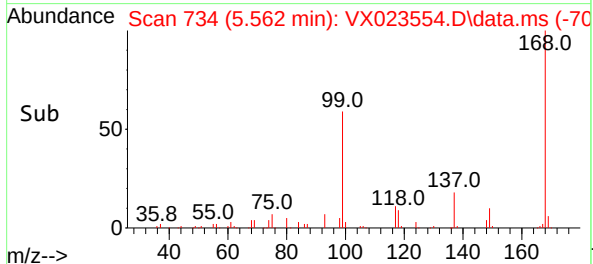


#38
Carbon Tetrachloride
Concen: 6.356 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023554.D
Acq: 04 Aug 2021 20:44

Instrument :
MSVOA_X
ClientSampleId :
MW-3

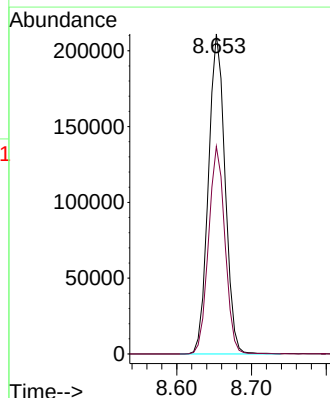
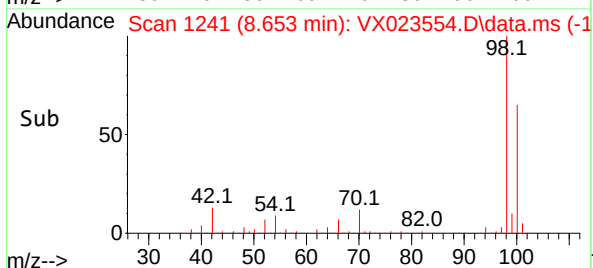
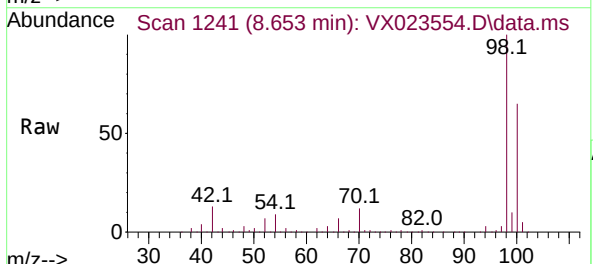


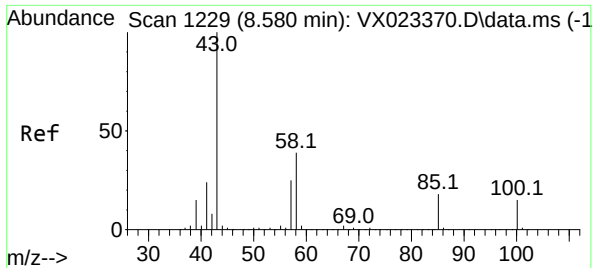
Tgt Ion:117 Resp: 16014
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.855 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023554.D
Acq: 04 Aug 2021 20:44

Tgt Ion: 98 Resp: 326212
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

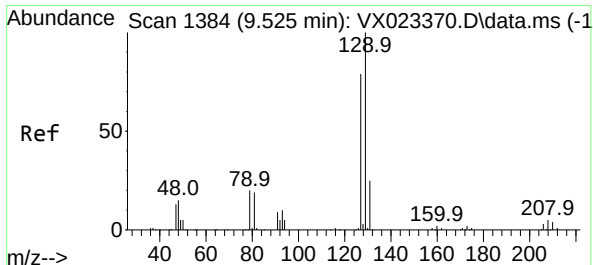
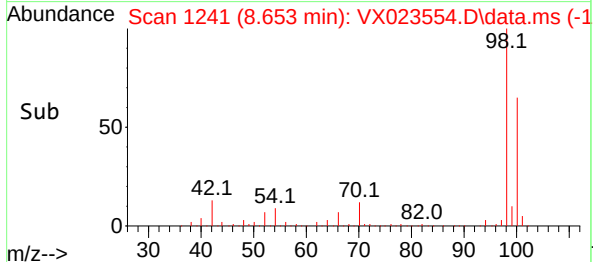
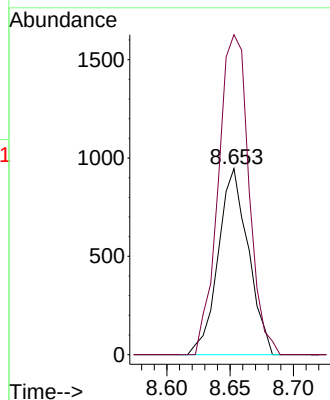
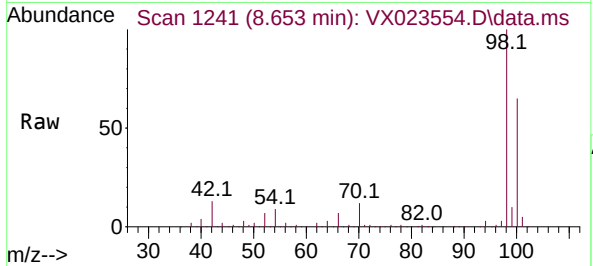




#51
4-Methyl-2-Pentanone
Concen: 0.529 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023554.D
Acq: 04 Aug 2021 20:44

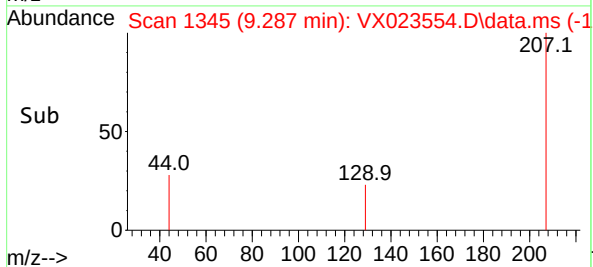
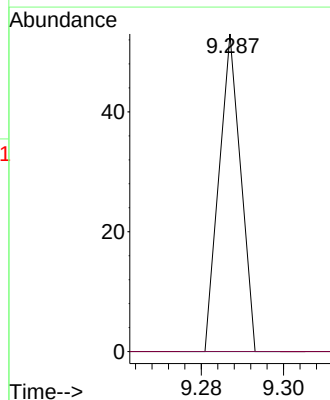
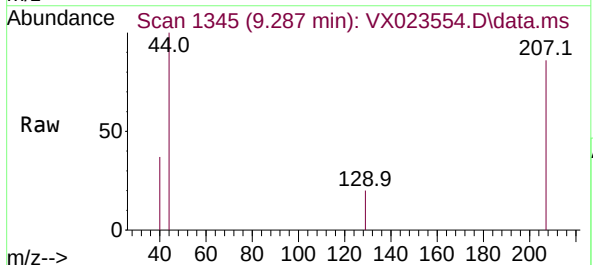
Instrument :
MSVOA_X
ClientSampled :
MW-3

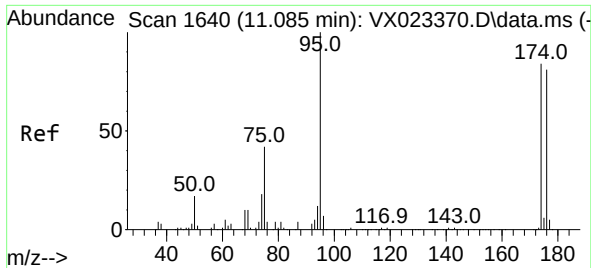
Tgt Ion: 43 Resp: 1565
Ion Ratio Lower Upper
43 100
58 174.9 35.4 53.0#



#60
Dibromochloromethane
Concen: 1.992 ug/l
RT: 9.287 min Scan# 1345
Delta R.T. -0.238 min
Lab File: VX023554.D
Acq: 04 Aug 2021 20:44

Tgt Ion: 129 Resp: 19
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

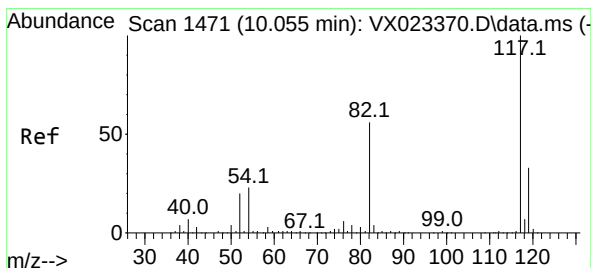
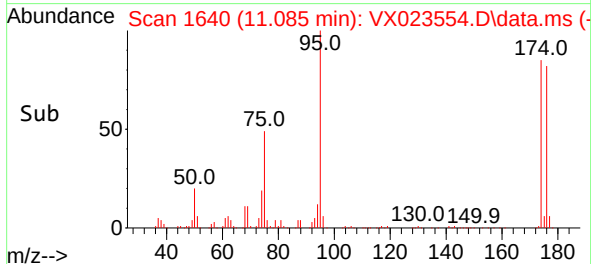
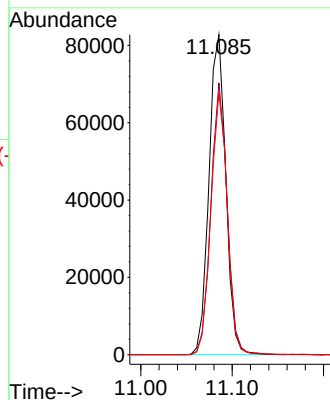
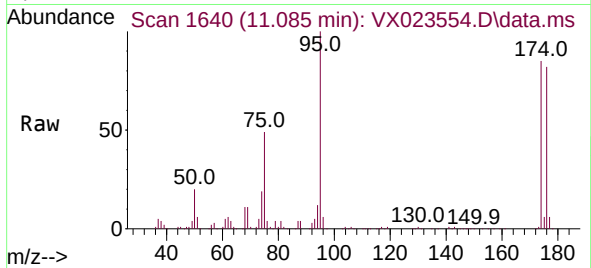




#62
4-Bromofluorobenzene
Concen: 49.409 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023554.D
Acq: 04 Aug 2021 20:44

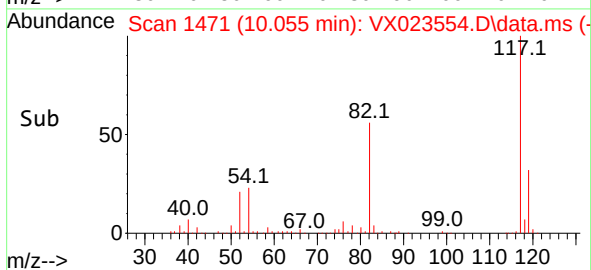
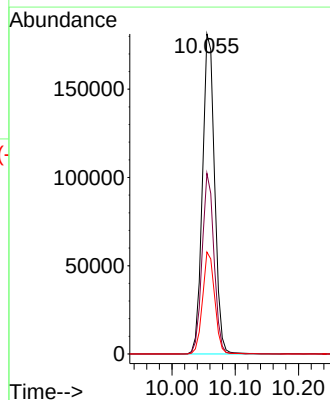
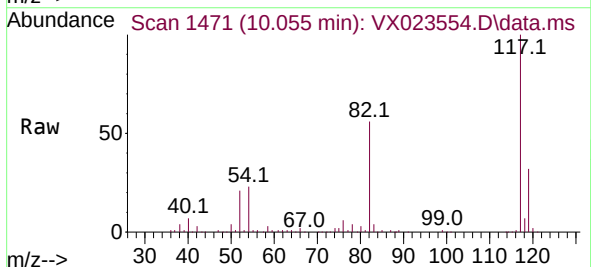
Instrument :
MSVOA_X
ClientSampleId :
MW-3

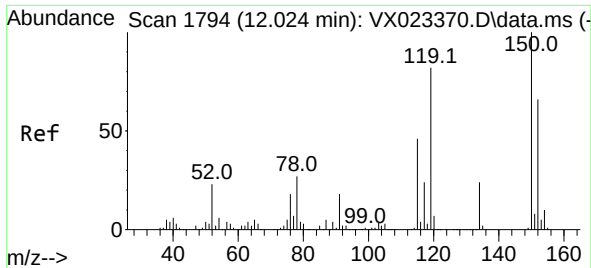
Tgt Ion: 95 Resp: 105693
Ion Ratio Lower Upper
95 100
174 81.9 0.0 154.6
176 80.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023554.D
Acq: 04 Aug 2021 20:44

Tgt Ion: 117 Resp: 242931
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 31.9 26.6 39.8

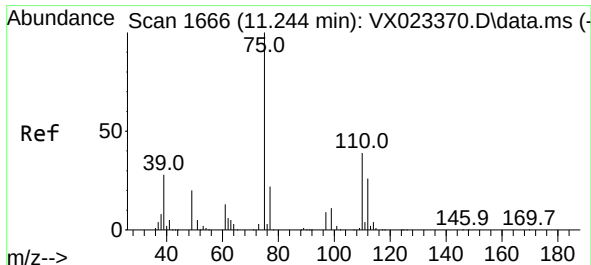
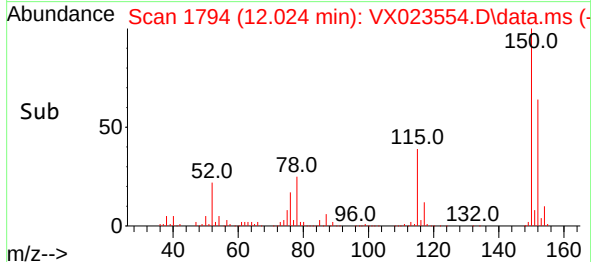
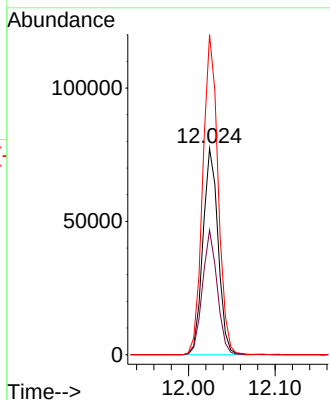
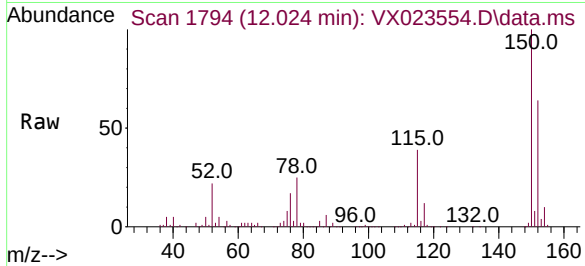




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023554.D
Acq: 04 Aug 2021 20:44

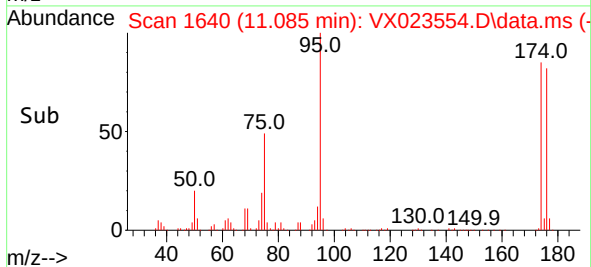
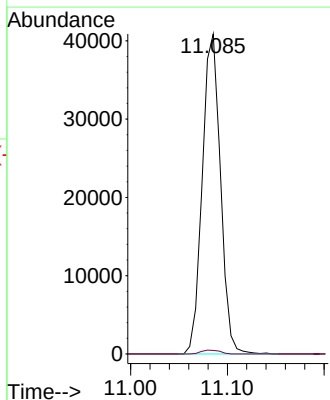
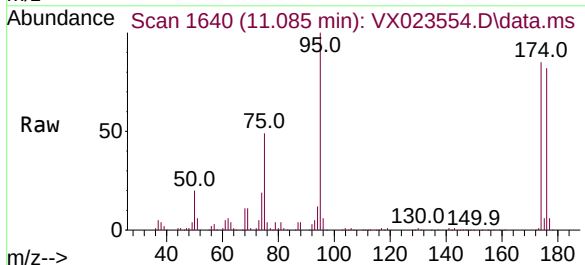
Instrument :
MSVOA_X
ClientSampled :
MW-3

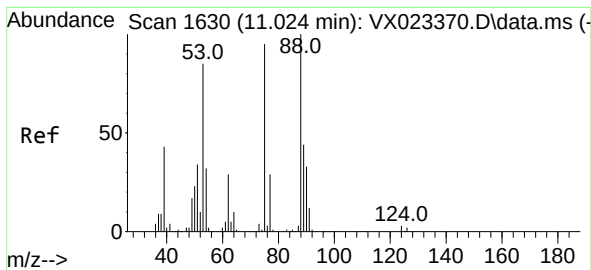
Tgt Ion:152 Resp: 93935
Ion Ratio Lower Upper
152 100
115 58.6 41.1 123.3
150 156.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.909 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023554.D
Acq: 04 Aug 2021 20:44

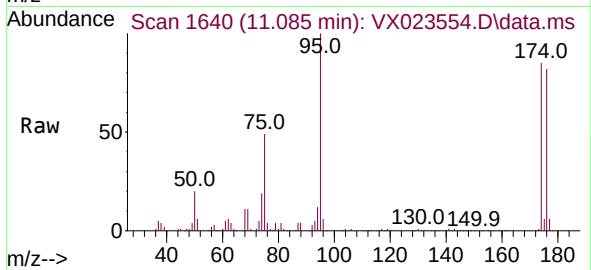
Tgt Ion: 75 Resp: 53556
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.665 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023554.D
 Acq: 04 Aug 2021 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3



Tgt Ion: 75 Resp: 53556
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.1 37.9 56.9#

